Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

5   1. (Currently Amended) A method for writing a multi-session recordable disc, comprising the following steps:

(a) moving an optical pick-up head of an optical disc drive to a lead-in area of a session of the multi-session recordable disc;

(b) performing an OPC in the lead-in area of the session of the multi-session

10   recordable disc to generate an OPC output;

(c) determining a recording power according to the OPC output; ~~and~~

(d) ~~completing~~ writing data on the session according to the determined recording power; and

(e) checking if a session of the multi-session recordable disc to be written is a first

15   session of the multi-session recordable disc.

2. (Cancelled)

3. (Currently Amended) The method of claim ~~2~~ 1 wherein steps (a)-(d) are performed if

20   the session in step (e) is a session other than the first session of the multi-session recordable disc.

4. (Currently Amended) The method of claim ~~2~~ 1 further comprising the following steps:

(f) determining a recording power according to an optimal power calibration (OPC)

25   output of an OPC carried out in a power calibration area (PCA); and

(g) if the session in step (e) is the first session of the multi-session recordable disc, ~~completing~~ writing data on the session of the multi-session recordable disc in step (e) according to the recording power determined in step (f).

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5. (Currently Amended) The method of claim 2 1 further comprising determining a local recording power profile according to the OPC output and predetermined profile data.

6. (Original) The method of claim 5 wherein determining a local recording power profile according to the OPC output and predetermined profile data comprises determining a local recording power profile by interpolating the predetermined profile data according to the OPC output.

7. (Currently Amended) The method of claim 5 wherein step (d) comprises ~~completing~~ writing data on the session according to the determined local recording power profile.

8. (Currently Amended) The method of claim 2 1 further comprising determining a local recording power profile according to the OPC output and recording power data encoded on the recordable disc.

9. (Original) The method of claim 8 wherein determining a local recording power profile according to the OPC output and recording power data encoded on the recordable disc comprises determining a local recording power profile by interpolating the recording power data encoded on the recordable disc according to the OPC output.

10. (Currently Amended) The method of claim 8 wherein step (d) comprises ~~completing~~ writing data on the session according to the determined local recording power profile.

11. (Currently Amended) The method of claim 2 1 further comprising deriving a nominal recording power value upon which to base the OPC from predetermined profile data.

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12. (Currently Amended) The method of claim ~~2~~ <u>1</u> further comprising deriving a nominal recording power value upon which to base the OPC from ~~the~~ <u>a</u> recording power data encoded on the recordable disc.

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13. (Original) The method of claim 1 further comprising deriving a nominal recording power value upon which to base the OPC from a previous OPC procedure.

14. (Original) The method of claim 13 wherein the previous OPC procedure is an OPC carried out in a lead-in area of a previous session.

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15. (Original) The method of claim 1, wherein rotation of the recordable disc is at a velocity selected from a range of predetermined velocities being multiples of a base recording velocity and each multiple being equal to or greater than 1.

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16. (Original) The method of claim 1 wherein step (b) comprises performing the OPC in a buffer zone of the lead-in area of the session.

17. (Currently Amended) ~~The~~ <u>A</u> method ~~of claim 16 further comprising~~ <u>for writing a multi-session recordable disc, comprising the following steps:</u>

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<u>(a) moving an optical pick-up head of an optical disc drive to a lead-in area of a session of the multi-session recordable disc;</u>

<u>(b) performing an OPC in the lead-in area of the session of the multi-session recordable disc to generate an OPC output that includes performing the OPC in a buffer zone of the lead-in area of the session and setting unused frame bits of the buffer zone to a logic zero state;</u>

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<u>(c) determining a recording power according to the OPC output; and</u>

<u>(d) writing data on the session according to the determined recording power.</u>

18. (Original) The method of claim 1, further comprising the following step:

(h) reading recording power data encoded on the recordable disc.

5   19. (Currently Amended) ~~The~~ A method ~~of claim 18, further~~ for writing a multi-session recordable disc, comprising the following steps:

(a) moving an optical pick-up head of an optical disc drive to a lead-in area of a session of the multi-session recordable disc;

(b) performing an OPC in the lead-in area of the session of the multi-session

10   recordable disc to generate an OPC output;

(c) determining a recording power according to the OPC output;

(d) writing data on the session according to the determined recording power;

(j) performing an optimum power calibration (OPC) in a power calibration area (PCA) to generate an OPC output; and

15   (k) determining a disc-wide recording power profile by interpolation of predetermined profile data according to the OPC output of step (j).

20. (Original) The method of claim 19 further comprising deriving a nominal recording power value upon which to base the optimum power calibration (OPC) of step (j)

20   from recording power data.

21. (Original) The method of claim 19 further comprising deriving a nominal recording power value upon which to base the optimum power calibration (OPC) of step (j) from predetermined profile data.

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22. (Original) The method of claim 19 further comprising determining a local recording power profile according to the OPC output of the OPC of step (b) and the disc-wide

recording power profile.

23. (Original) The method of claim 22 wherein determining a local recording power profile according to the OPC output of the OPC of step (b) and the disc-wide
5   recording power profile comprises determining a local recording power profile by interpolating the OPC output of the OPC of step (b) according to the disc-wide recording power profile.

24. (Currently Amended) The method of claim 22 wherein step (d) comprises ~~completing~~
10 <u>writing data on</u> the session according to the determined local recording power profile.

25. (Original) The method of claim 19 further comprising scaling the disc-wide recording power profile of step (k) according to the OPC output of the OPC of step (b).